

6 at least one loudspeaker for reproduction of audio
7 frequencies mounted on one of said walls of the housing; and
8 a movable interior wall for said storage compartment
9 which serves to create a loudspeaker enclosure for reproduction of
10 low frequencies when positioned on said at least one storage
11 compartment.

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1 24. The carrying case according to 23 wherein the
2 housing comprises two mateable shells which are relatively stiff
3 and at the same time are of lightweight and which are connected by
4 means of a hinge.

1 25. The carrying case according to 24 wherein the
2 housing and said outer wall are manufactured of a material that has
3 a high modulus of elasticity in shear and a high acoustic damping.

1 26. The carrying case according to claim 24 wherein the
2 hinge is separable.

1 27. The carrying case according to claim 24 wherein the
2 movable interior wall forms a lid for said storage compartment
3 which can be opened and closed.

1 28. The carrying case according to claim 27 wherein the
2 lid is in the form of a pan with a deep bottom.

1 29. The carrying case according to claim 23 wherein the
2 storage compartment, forms a resonance chamber and is lined with a
3 padding which protects items stored therein and causes a damping of
4 acoustic waves of the loudspeaker.

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1 30. The carrying case according to claim 23 wherein the
2 walls of the housing are of a multi-layered construction consisting
3 of at least one outer layer of material with a maximum thickness of
4 4 mm and a high modulus of elasticity in shear and at least one
5 inner layer of a material with a minimum thickness of 4 mm and a
6 high modulus of elasticity in shear, a high damping and a low
7 density.

1 31. The carrying case according to claim 23 wherein the
2 walls of the housing are of a multi-layered construction consisting
3 of at least one first layer comprising a material with a maximum
4 thickness of 4 mm and a high modulus of elasticity in shear, and of
5 at least a second inner layer of material with a minimum thickness
6 of 4 mm and a high modulus of elasticity in shear, a high damping
7 and low density, and of a third layer of material with a maximum
8 thickness of 4 mm and a high modulus of elasticity in shear.

1 32. The carrying case according to claim 23 wherein the
2 walls of the housing are of a multi-layered construction consisting
3 of at least one first layer comprising a material with a maximum
4 thickness of 4 mm and a high modulus of elasticity in shear, and of

5 at least a second inner layer of material with a minimum thickness
6 of 4 mm and a high modulus of elasticity in shear, a high damping
7 and low density, and of a third layer of material with a maximum
8 thickness of 4 mm and a high modulus of elasticity in shear, at
9 least one of said layers utilizing one or more materials with
10 anisotropic load-bearing characteristics.

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1 33. The carrying case according to claim 23 wherein the
2 interior of the briefcase is formed with a storage compartment lid
3 with spring latches and elastic gaskets to serve as a passive
4 loudspeaker membrane or passive loudspeaker membrane suspension for
5 a passive/radiator loudspeaker enclosure design.

1 34. The carrying case according to claim 23 wherein the
2 housing comprises an acoustic damping material of at least 4 mm
3 thickness on an inside of interior compartments of the housing.

1 35. The carrying case according to claim 23, further
2 comprising an electrical amplifier means for increasing and con-
3 trolling the loudness of the audio signal provided to the loud-
4 speaker.

1 36. The carrying case according to claim 23, further
2 comprising a volume control potentiometer for the loudspeaker.

1 37. The carrying case according to claim 23, further
2 comprising interface means for connections to the loudspeaker.

1 38. The carrying case according to claim 37 wherein the
2 interface means for connections comprise a microphone connection.

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1 39. The carrying case according to claim 23 further
2 comprising an energy source in the form of a battery in said
3 housing.

1 40. The carrying case according to claim 37 wherein the
2 interface means for connections comprise a connection for an
3 external power source.

1 41. The carrying case according to claim 37 wherein the
2 interface means for connections comprise means for sending and
3 receiving analog and digital signals by means of radio or infrared
4 frequency.

1 42. The carrying case according to claim 37 wherein the
2 interface means for connections comprise means for connecting a
3 remote control, which receives signals either by means of radio or
4 by means of infrared frequency.